

# **State Estimates of Substance Use from the 2001 National Household Survey on Drug Abuse: Volume I. Findings**

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DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Substance Abuse and Mental Health Services Administration  
Office of Applied Studies



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Table A.7 Percentages Reporting Past Month Use of Alcohol, by Age Group and State: 1999-2000 and 2000-2001

State	12-17			18-25			26 or Older			Total		
	1999-2000	2000-2001	p value	1999-2000	2000-2001	p value	1999-2000	2000-2001	p value	1999-2000	2000-2001	p value
Total <sup>1</sup>	16.40	16.83	0.143	56.81	57.48	0.121	48.55 <sup>a</sup>	50.10	0.002	46.25 <sup>a</sup>	47.59	0.000
Alabama	14.46	15.14	0.680	50.18	49.89	0.914	37.59	37.65	0.981	36.87	37.02	0.946
Alaska	16.57	16.00	0.753	58.13	55.98	0.431	58.22	54.17	0.119	52.87 <sup>b</sup>	49.40	0.077
Arizona	17.06	17.27	0.907	54.95	54.54	0.872	49.22	53.81	0.184	46.36	49.80	0.193
Arkansas	17.34	16.89	0.796	46.23	48.97	0.274	35.92	38.48	0.307	35.32	37.61	0.251
California	15.56	14.83	0.360	51.28	53.14	0.202	50.15	51.12	0.540	46.49	47.53	0.394
Colorado	20.08	20.16	0.967	68.16	65.67	0.331	62.15	61.93	0.935	58.51	57.98	0.805
Connecticut	20.58	21.79	0.563	67.17	68.09	0.731	58.61 <sup>b</sup>	63.16	0.088	56.01 <sup>b</sup>	59.63	0.095
Delaware	17.82	18.43	0.745	60.83	62.63	0.472	55.69	58.50	0.300	52.46	55.06	0.231
District of Columbia	12.19	13.51	0.412	54.78 <sup>a</sup>	61.55	0.009	47.55 <sup>b</sup>	52.33	0.095	44.90 <sup>a</sup>	50.19	0.020
Florida	14.37	15.85	0.147	54.52	53.50	0.490	48.63	51.23	0.116	46.08	48.13	0.127
Georgia	15.08	15.13	0.975	52.12	51.81	0.908	45.60	44.80	0.764	43.23	42.58	0.756
Hawaii	16.83	16.70	0.950	54.25	56.46	0.472	44.93	44.76	0.949	43.28	43.50	0.921
Idaho	14.26	14.77	0.744	47.38	51.43	0.119	44.83	44.08	0.767	41.54	41.72	0.925
Illinois	18.05	18.61	0.590	60.88	60.70	0.893	53.25	54.14	0.593	50.66	51.32	0.607
Indiana	13.54	13.35	0.898	54.63	52.19	0.344	40.62	43.63	0.264	39.69	41.62	0.357
Iowa	19.31	17.22	0.246	70.01	67.03	0.219	52.82	51.76	0.711	51.60	50.15	0.520
Kansas	16.15	17.91	0.346	59.84	62.09	0.409	49.92	50.18	0.927	47.48	48.25	0.728
Kentucky	14.65	17.05	0.164	52.98	51.58	0.590	33.81	35.61	0.497	34.41	35.88	0.485
Louisiana	19.44	19.55	0.954	57.94	57.11	0.744	44.99	47.42	0.381	43.88	45.67	0.399
Maine	19.42	19.99	0.762	64.98	67.31	0.379	51.49 <sup>a</sup>	56.79	0.031	49.90 <sup>a</sup>	54.34	0.025
Maryland	15.70	18.30	0.148	58.01	59.60	0.557	52.11	50.12	0.489	49.23	48.03	0.603
Massachusetts	21.94	22.71	0.726	71.74	74.24	0.303	63.35	62.61	0.786	60.33	60.12	0.924
Michigan	16.70	17.74	0.311	61.71	64.08	0.108	48.65 <sup>a</sup>	52.36	0.015	46.99 <sup>a</sup>	50.17	0.008
Minnesota	18.88	19.81	0.606	70.30	70.12	0.938	55.86 <sup>a</sup>	61.94	0.021	53.76 <sup>a</sup>	58.36	0.026
Mississippi	13.50	12.75	0.639	43.48	46.26	0.291	29.75	32.98	0.221	29.83	32.60	0.173
Missouri	16.06	18.01	0.271	58.94	59.72	0.773	46.37	48.42	0.462	44.81	46.66	0.403

See notes at end of table.

(continued)



Table A.7 Percentages Reporting Past Month Use of Alcohol, by Age Group and State: 1999-2000 and 2000-2001

State	12-17			18-25			26 or Older			Total		p value
	1999-2000	2000-2001	p value	1999-2000	2000-2001	p value	1999-2000	2000-2001	p value	1999-2000	2000-2001	
Montana	22.00	19.68	0.252	64.31	64.40	0.971	58.61	57.32	0.606	55.32	54.10	0.543
Nebraska	19.03	21.54	0.207	71.32	68.59	0.269	53.95	56.22	0.388	52.44	54.05	0.430
Nevada	17.89	19.63	0.399	57.53	60.40	0.310	56.10	56.19	0.973	52.62	52.98	0.869
New Hampshire	21.15	22.60	0.487	67.38	68.36	0.715	60.50	64.13	0.175	57.23	60.20	0.166
New Jersey	17.69	17.65	0.979	58.95	61.14	0.402	54.36	56.72	0.382	51.47	53.44	0.369
New Mexico	18.60	17.96	0.731	58.00	55.12	0.328	54.71	51.57	0.222	50.92	48.10	0.162
New York	17.18	17.64	0.668	60.39	60.52	0.930	51.92	51.01	0.571	49.51	48.90	0.629
North Carolina	12.93	13.57	0.669	52.77	50.91	0.470	37.69	39.77	0.411	37.01	38.42	0.480
North Dakota	26.21	24.72	0.494	76.27	75.47	0.722	57.75	58.81	0.702	56.69	57.36	0.756
Ohio	15.81	16.36	0.582	58.97	60.69	0.207	47.20	49.14	0.221	45.50	47.23	0.163
Oklahoma	14.46	15.68	0.483	51.18	53.07	0.489	37.35	38.32	0.724	36.62	37.83	0.576
Oregon	15.88	15.18	0.680	58.92	58.42	0.847	52.17	52.00	0.950	49.48	49.16	0.885
Pennsylvania	15.79 <sup>b</sup>	17.57	0.072	60.47	62.03	0.262	51.09	52.44	0.380	48.74	50.11	0.265
Rhode Island	17.65	18.69	0.590	65.13	67.14	0.445	55.89 <sup>a</sup>	61.77	0.036	53.10 <sup>a</sup>	58.00	0.031
South Carolina	13.31	14.96	0.302	47.07 <sup>a</sup>	51.69	0.077	37.15 <sup>b</sup>	42.00	0.063	35.89 <sup>a</sup>	40.50	0.028
South Dakota	20.02	19.02	0.601	69.60	68.21	0.575	52.00	54.26	0.429	50.66	52.14	0.497
Tennessee	13.10	13.26	0.916	44.79	47.75	0.272	34.67	36.86	0.412	33.81	35.90	0.325
Texas	17.70	17.62	0.942	54.66	54.98	0.824	44.76	46.19	0.375	43.04	44.20	0.340
Utah	10.62	10.36	0.869	32.66	32.39	0.907	30.55	31.74	0.659	28.07	28.91	0.657
Vermont	19.63	21.56	0.321	67.87	69.96	0.389	59.79 <sup>a</sup>	65.67	0.019	56.50 <sup>a</sup>	61.58	0.011
Virginia	12.24	12.39	0.918	57.91	56.83	0.700	48.40	49.87	0.598	45.96	47.02	0.635
Washington	15.10	16.16	0.425	50.60 <sup>b</sup>	55.61	0.059	50.69	53.72	0.307	47.03	50.03	0.199
West Virginia	16.03	17.00	0.571	48.09	51.57	0.198	32.18 <sup>b</sup>	36.29	0.089	32.70 <sup>b</sup>	36.45	0.055
Wisconsin	21.46	20.67	0.674	68.92	69.37	0.849	60.29	63.80	0.189	57.24	59.84	0.214
Wyoming	21.00	20.48	0.798	63.32	63.80	0.855	52.28	56.36	0.137	50.22	53.34	0.142

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

<sup>a</sup> Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

<sup>c</sup> This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.

Table A.8 Percentages Reporting Past Month Binge Alcohol Use, by Age Group and State: 1999-2000 and 2000-2001

State	12-17			18-25			26 or Older			Total		
	1999-2000	2000-2001	p value	1999-2000	2000-2001	p value	1999-2000	2000-2001	p value	1999-2000	2000-2001	p value
Total <sup>1</sup>	10.25	10.53	0.234	37.78	38.12	0.412	18.87	18.97	0.769	20.41	20.58	0.526
Alabama	9.89	10.43	0.698	31.10	31.51	0.864	16.92	17.05	0.939	18.05	18.29	0.866
Alaska	10.86	9.83	0.462	38.35	35.42	0.266	20.00	18.88	0.549	21.49	20.19	0.375
Arizona	11.41	11.20	0.881	35.28	36.38	0.673	19.37	20.41	0.604	20.59	21.52	0.559
Arkansas	11.93	11.15	0.568	33.37	34.76	0.560	17.43	17.59	0.924	18.91	19.17	0.852
California	9.15	9.24	0.883	31.87	32.38	0.700	18.35	18.11	0.824	19.16	19.14	0.979
Colorado	12.61	12.67	0.970	46.17	45.81	0.894	20.44	19.13	0.500	22.99	22.02	0.539
Connecticut	13.57	14.62	0.537	46.02	46.41	0.900	18.73	19.87	0.550	21.34	22.28	0.557
Delaware	11.10	10.74	0.791	42.95	40.35	0.331	20.63	19.86	0.679	22.40	21.51	0.556
District of Columbia	6.90	7.29	0.735	32.36 <sup>a</sup>	39.02	0.008	18.09	20.77	0.172	18.86 <sup>b</sup>	21.96	0.053
Florida	8.44	9.12	0.377	34.55	33.29	0.386	17.57	17.94	0.740	18.54	18.78	0.796
Georgia	9.31	8.80	0.669	33.06	33.60	0.830	19.69	18.94	0.695	20.39	19.84	0.723
Hawaii	11.27	10.71	0.725	33.76	34.64	0.756	19.29	17.21	0.291	20.22	18.71	0.350
Idaho	10.07	10.75	0.603	31.66 <sup>b</sup>	36.24	0.060	17.36	17.57	0.904	18.65	19.62	0.469
Illinois	11.31	11.42	0.891	42.15	42.66	0.716	21.18	22.57	0.266	22.96	24.07	0.259
Indiana	9.26	8.25	0.394	35.89	33.71	0.380	16.79	17.87	0.540	18.55	18.99	0.758
Iowa	12.38	11.64	0.592	49.27	46.62	0.301	20.96	19.01	0.308	23.82	21.94	0.225
Kansas	9.99	10.54	0.690	40.90	41.59	0.793	18.17	17.36	0.638	20.30	19.94	0.798
Kentucky	10.37	11.27	0.530	38.85	36.84	0.398	17.08	15.95	0.497	19.28	18.26	0.456
Louisiana	11.33	11.28	0.971	39.57	37.94	0.512	22.03	20.82	0.550	23.32	22.27	0.507
Maine	12.02	12.84	0.575	43.11	46.25	0.256	19.25	20.40	0.508	21.29	22.65	0.346
Maryland	8.76	10.57	0.165	32.69 <sup>b</sup>	37.09	0.074	16.09	18.04	0.274	17.33	19.54	0.137
Massachusetts	14.01	13.74	0.869	52.18	52.55	0.894	23.00	23.44	0.840	25.54	25.90	0.836
Michigan	10.85	12.23	0.112	41.43	43.78	0.116	19.41	19.60	0.860	21.37	21.93	0.512
Minnesota	12.42	12.59	0.909	50.16	48.48	0.540	19.92	21.36	0.461	23.15	24.05	0.569
Mississippi	8.44	8.73	0.821	27.72	30.46	0.232	15.96	17.36	0.449	16.76	18.27	0.299
Missouri	10.45	12.02	0.291	39.10	38.80	0.904	18.27	17.86	0.821	20.15	19.97	0.904

See notes at end of table.

(continued)



Table A.8 Percentages Reporting Past Month Binge Alcohol Use, by Age Group and State: 1999-2000 and 2000-2001

State	12-17			18-25			26 or Older			Total	
	1999-2000	2000-2001	p value	1999-2000	2000-2001	p value	1999-2000	2000-2001	p value	1999-2000	2000-2001
Montana	14.48	12.86	0.307	46.20	46.99	0.760	21.16	20.58	0.747	23.64	23.21
Nebraska	12.83	13.68	0.607	48.79	47.26	0.575	20.87	19.63	0.491	23.80	22.80
Nevada	12.25	12.92	0.679	38.55	41.77	0.294	22.66	22.36	0.887	23.55	23.75
New Hampshire	12.25	12.90	0.660	44.41	46.01	0.575	18.20	19.43	0.484	20.68	21.85
New Jersey	10.60	10.92	0.797	37.62	39.07	0.590	19.61	20.02	0.834	20.87	21.32
New Mexico	12.00	13.31	0.400	40.69	40.01	0.807	22.11	20.87	0.514	23.54	22.68
New York	10.01	10.37	0.662	39.28	39.89	0.691	18.54	17.67	0.451	20.24	19.67
North Carolina	8.39	8.51	0.912	33.12	32.29	0.730	15.40	15.75	0.832	16.85	17.02
North Dakota	18.12	17.88	0.903	58.11	59.31	0.645	25.25	24.88	0.868	29.06	29.04
Ohio	10.26	10.64	0.655	41.59	43.10	0.282	20.14	19.39	0.616	21.91	21.71
Oklahoma	9.82	10.41	0.670	35.25	36.78	0.547	16.08	16.15	0.965	17.93	18.33
Oregon	9.57	9.57	0.999	36.95	37.24	0.907	17.04	16.13	0.608	18.78	18.14
Pennsylvania	9.87	11.08	0.147	42.28	43.61	0.367	20.11	20.55	0.685	21.70	22.31
Rhode Island	10.98	12.10	0.460	47.26	46.27	0.723	20.07	22.50	0.216	22.24	24.18
South Carolina	9.24	9.48	0.843	32.03	34.20	0.358	17.59	18.60	0.585	18.50	19.67
South Dakota	14.41	13.37	0.533	49.80	46.82	0.262	22.94	21.91	0.493	25.67	24.48
Tennessee	8.10	8.11	0.994	31.37	29.29	0.422	15.46	14.84	0.697	16.75	16.01
Texas	11.01	10.63	0.628	35.73	36.77	0.444	19.95	20.20	0.833	21.22	21.54
Utah	6.71	7.02	0.804	22.87	23.09	0.919	12.69	13.08	0.810	13.73	14.19
Vermont	11.58	13.15	0.296	48.29	48.21	0.975	19.44	20.57	0.522	22.13	23.19
Virginia	6.97	7.55	0.582	38.23 <sup>b</sup>	33.26	0.081	16.82	16.60	0.900	18.46	17.78
Washington	9.38	10.20	0.510	32.02	35.45	0.165	16.54	17.37	0.681	17.76	18.88
West Virginia	11.65	11.75	0.948	35.31	37.71	0.343	15.70	15.82	0.936	17.78	18.20
Wisconsin	13.39	13.11	0.851	49.57	49.95	0.882	24.95	26.75	0.390	26.95	28.34
Wyoming	14.90	13.67	0.484	47.65	45.30	0.380	21.73	21.50	0.908	24.66	24.08

NOTE: p value: Bayes posterior probability of no change.

NOTE: Binge Alcohol Use is defined as drinking five or more drinks on the same occasion on at least 1 day in the past 30 days. By "occasion" is meant at the same time or within a couple hours of each other.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

<sup>a</sup> Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2000-2001 estimate and the 1999-2000 estimate is statistically significant at the 0.10 level.

<sup>1</sup> This estimate is the weighted average of the hierarchical Bayes estimates across all States and the District of Columbia and typically is not equal to the direct sample-weighted estimate for the Nation.

Source: SAMHSA, Office of Applied Studies, National Household Survey on Drug Abuse, 1999, 2000, and 2001.